PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 12550900	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/AU2004/001830	International filing date (day/month) 24 December 2004	(Earliest) Priority Date (day/month/year) 24 December 2003
Applicant BIOTA SCIENTIFIC MANA	GEMENT PTY LTD et al	
Article 18. A copy is being transmitted to the This international search report consists of a	e International Bureau.	Authority and is transmitted to the applicant according to
it was filed, unless otherwise indicate	ed under this item.	basis of the international application in the language in which inslation of the international application furnished to this
Authority (Rule 23.1)	b)). and/or amino acid sequence disclosed	in the international application, see Box No. I.
3. Unity of invention is lacking (•
the text is approved as submitted	ed by the applicant. This Authority to read as follows:	
5. With regard to the abstract, X the text is approved as submitted the text has been established, a one month from the date of many		ority as it appears in Box No. IV. The applicant may, within , submit comments to this Authority.
6. With regard to the drawings,		· ·
a. the figure of the drawings to be public as suggested by the apas selected by this Au		suggest a figure.
	thority, because this figure better char	

International application No.

PCT/AU2004/001830

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: C07D 487/14, 471/14, 498/14; A61K 31/4188, 31/4353, 31/424; A61P 31/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
See electronic databases

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN: CA substructure search based on formula I as defined in Claim 1 with reference to the preferred embodiments (pages 11 and 12)

(pages 11 an	ld 12)			
C.	DOCUMENTS CONSIDERED TO BE RELEV	ANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
X	GB 1322339 (AMERICAN HOME PRODUCTS CORP) 4 July 1973 formula D, pages 6 and 7			38, 39, 41-44, 50-60
X	US 3657221 (SULKOWSKI) 18 April 1972 formula III and example VI			38, 39, 41-44, 50-60
X .	US 3885037 (SULKOWSKI) 20 May formula 3 and examples X-XV	1975		38, 39, 41-44, 50-60
X	US-3966955 (SHRIVER) 29 June 1976 X formula III and col 4 lines 34-38			38, 39, 41-44, 50-60
Special of document not cons "E" earlier againternati "L" document or which	pplication or patent but published on or after the onal filing date Int which may throw doubts on priority claim(s) In is cited to establish the publication date of	"T" la co ui "X" de oi al	ter document published after the international filing date or inflict with the application but cited to understand the principal princip	priority date and not in including the considered nove a document is taken of the considered to
"O" documer or other "P" documer	citation or other special reason (as specified) Intreferring to an oral disclosure, use, exhibition International filing date Introduction to the international filing date Introduction to the claimed	St	uch documents, such combination being obvious to a person ocument member of the same patent family	
_	ual completion of the international search		Date of mailing of the international search report	
	ing address of the ISA/AU		Authorized officer	
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		KATHERINE MOERMAN Telephone No: (02) 6283 2714	•	

International application No.

PCT/AU2004/001830

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to
	, , , , , , , , , , , , , , , , , , ,	claim No.
	GB 1229651 (AMERICAN HOME PRODUCTS CORP) 28 April 1971	
X	formula V and examples	38, 39, 41-44
		50-60
	US 3624101 (SULKOWSKI) 30 November 1971	
X	formula V and examples	38, 39, 41-4
		50-60
X	CA abstract 67:43744 and RNs 13449-92-8	
	& Metlesics W et al., J. Org. Chem., 1967, 32(7), 2185-7	38, 41-44, 50
		58, 61
	US 4785002 (DRABER) 15 November 1988	
X	Compound 16	38, 41-44, 4
		50, 54, 55, 6
	US 3311629 (SULKOWSKI) 28 March 1967	
X	Compounds named at column 4 lines 15-16 and 31	38, 39, 41-4
		48, 50-60
	WO 2002/066479 (BANYU PHARMACEUTICAL CO., LTD.) 29 October 2002	
\cdot X	(compound 3147)	38
	US 3590043 (GRAF) 29 June 1971	
X	examples	38
	CH 481124 (J. R. GEIGY AG) 31 December 1969	
X	Claim 1 and examples	38
	GB 1059175 (AMERICAN HOME PRODUCTS CORP) 15 February 1967	
X	examples 2, 4, 6, 37, 38	38
	US 4058529 (GRAF) 15 November 1977	
X	examples 1 and 2	38
	US 3379733 (HOULIHAN) 23 April 1968 -	
X	example 4	38
	CA abstract 137:337826	
X	RN 473998-86-6	38

International application No.

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C (Continuat	ion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	CA abstract 71:38862 RNs 5983-38-0, 5983-39-1	. 38
X	CA abstract 67:43799 RNs 5810-68-4, 5983-39-1, 5983-45-9, 13450-15-2	38

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This Annua lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

•	t Document Cited in Search Report			Pater	nt Family Member		
GB	1322339						· · · · · · · · · · · · · · · · · · ·
US	3657221						
US	3885037	US	3763178	US	3867394	US	3867401
		US	3898226	US	3898231	US	3900494
		US	3935218				
US	3966955						
GB	1229651	CA	920135	DE	1670041	FR	1580180
US	3624101	GB	1322024	GB	1322025	GB	1322026
		US	3770766				
US	4785002	BR	8604723	DE	3534948	JP	62081384
US	3311629	BE	646221	СН	464216	CH	465623
		DE	1445443	DE	1645959	FR	1437386
		GB	1059174	GB	1059175	NL	6403794
		NL	7211889	US	3423421	US	3994920
wo	02066479						
US	3590043	BE	687161	СН	455812	СН	480350
		CH	481123	CH	481124	DE	1695087
		FR	1504601	GB	1105219	Π L	26534
		NL	6613264				
GB	1059175	BE	646221	CH	464216	CH	465623
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		US	3311629	US	3423421	US	3994920
US	4058529	BE	659530	CH	471135	DE	1545887
		FR	1460524	GB	1038735	ĬŢ.	22957
	·	NL	6501647		·	<u>-</u>	·
US	3379733	СН	476723	DE	1620434	ES	334167
		FR	1503313	GB	1162835		•

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

Information on patent family members

International application No.

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